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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/736,033	HONG ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Suhan Ni	2643	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed 12/15/2003.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ The drawings filed on 15 December 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**


5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

  
 Suhan Ni  
 Primary Examiner  
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**DETAILED ACTION**

1. This communication is responsive to the application filed 12/15/2003.

***Allowable Subject Matter***

2. Claims 1-9 are allowed.

The present invention is directed to a headphone with an automatic reeling device for a jack wire. All cited prior art show a headphone with a reeling device, but all fail to teach the detailed structural limitations, such as: the earphone accommodating the reeling device and being a hollow cylinder with an inner end, an outer end, an inner cover, a middle plate formed in the hollow cylinder, an outer cover, an audio output device attached to the inner cover and a wire slot defined in the hollow cylinder; the inner cover attached to the inner end of the earphone; the middle plate having a central post with a distal end, a positioning slot defined axially in the distal end, a spring recess defined in the distal end and communicating with the positioning slot, a spring mounted in and protruding from the spring recess, multiple wire holes defined through the middle plate; the reeling device mounted on the middle plate and having a stationary disk mounted on the middle plate and electrically connected to the audio output device; a rotating disk with a wire reel rotatably mounted on the stationary disk, wherein the jack wire is wound around the wire reel; a coil spring mounted between the stationary disk and the rotating disk to provide a restitution force to the rotating disk; and a push button movably mounted on the central post and pushed by the spring on the central post, wherein the push button move along the central post axially and is kept from rotation relative to the central post; and the outer cover mounted on the outer end of earphone to hold the reeling device inside the earphone as claimed.

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Those distinct features have been included to the sole independent claim and render the application to be allowable.

***Conclusion***

3. Any comments considered necessary by applicant must be submitted no later than the payment on the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

4. Any response to this final action should be mailed to:

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Or faxed to:

**(703) 308-9051**, (for formal communications; please mark "EXPEDITED  
PROCEDURE"), or  
**(703) 305-9508**, (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Suhan Ni whose telephone number is (571)-272-7505, and the number for fax machine is (703)-872-9306. The examiner can normally be reached on Tuesday and Thursday from 10:00 am to 8:00 pm, and may be reached on Monday, Wednesday and Friday from 10:00 am to 8:00 pm. If it is necessary, the examiner's supervisor, Curtis Kuntz, can be reached at (571)-272-7499.

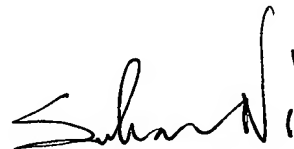
6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (**PAIR**) system. Status information for published applications

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov/>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

7. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is (571)-272-2600, or please see <http://www.uspto.gov/web/info/2600>.

June 11, 2005

A handwritten signature in black ink, appearing to read 'Suhanni', with a stylized flourish at the end.

**SUHAN NI**  
**PRIMARY EXAMINER**